

INTERNATIONAL SEARCH REPORT

International Application No

PCT/FR 99/03097

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L29/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHEDMinimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GRAY A: "ROUTER ENCRYPTION MADE EASY - THE HARD WAY" DATA COMMUNICATIONS, vol. 26, no. 2, 1 February 1997 (1997-02-01), page 36, 38 XP000659573 ISSN: 0363-6399 the whole document	1,6
A	BRUNO L: "SECURITY" DATA COMMUNICATIONS, vol. 27, no. 1, 1 January 1998 (1998-01-01), page 88, 90 XP000733531 ISSN: 0363-6399 the whole document	2-4,7-9
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

6 November 2000

Date of mailing of the international search report

14/11/2000

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	MAKRIS J: "LOCKING DOWN INTRANETS FROM AFAR-FOR LESS" DATA COMMUNICATIONS, vol. 27, no. 11, 1 August 1998 (1998-08-01), page 25/26 XP000782253 ISSN: 0363-6399 the whole document ---	1-10
A	HEYWOOD P: "PRODUCT LEADERS FILTERS WITHOUT FUSS" DATA COMMUNICATIONS, vol. 27, no. 8, 21 May 1998 (1998-05-21), page 29/30 XP000755584 ISSN: 0363-6399 the whole document ---	1-10
A	BAUSPIESS F ET AL: "REQUIREMENTS FOR CRYPTOGRAPHIC HASH FUNCTIONS" COMPUTERS & SECURITY INTERNATIONAL JOURNAL DEVOTED TO THE STUDY OF TECHNICAL AND FINANCIAL ASPECTS OF COMPUTER SECURITY, vol. 11, no. 5, 1 September 1992 (1992-09-01), pages 427-437, XP000296996 ISSN: 0167-4048 page 427 -page 429 ---	2,3,7,8
A	GB 2 323 757 A (IBM) 30 September 1998 (1998-09-30) abstract page 7, line 1 -page 10, line 4 figure 4 -----	1-10

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Information on patent family members

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PCT/FR 99/03097

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
GB 2323757 A	30-09-1998	US 6104716 A JP 10285216 A	15-08-2000 23-10-1998

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